

Amendments to the Specification:

Please amend page 12 of the specification as follows:

a fastener or fasteners adapted to attach, for example and preferable symmetrically and concentrically, the disk to the classifier wheel fine particle outlet opening. The thickness of the vortex insert disk can be of the same thickness or greater thickness near the particle outlet and the same thickness or thinner near the periphery of the disk. The vortex insert can in embodiments further comprise a lip or rim structure which is preferably immediately adjacent to the circular opening, and which lip or rim can have a thickness, for example, of from about 1.5 to about 5 times the thickness of the disk. In embodiments of the present invention, the diameter of the circular opening can be fixed and can be changed or adjusted by physical removal or replacement of the vortex ring, for example, by an operator or a robot. In other embodiments, the diameter of the circular opening in the vortex ring or disk can be variable or adjustable. Examples of a manually or remotely adjustable vortex ring structures are, a known iris aperture value adapted accordingly to the needs and requirements of the present invention, such as strength, durability, impact resistance, and the like properties; a centrifugally sensitive or responsive aperture value, that is, as the revolutions-per-minute of the classifier wheel increase the diameter of the aperture increases accordingly, reference Figures 6 and 7; an inverse centrifugal aperture valve, that is, as the revolutions per minute of the classifier wheel increase the diameter of the aperture decreases accordingly, reference Figure 8. In embodiments, the diameter of the circular opening can be, for example, from about 1 centimeter to about 10,000 centimeters, including from about 5.0 centimeters to about 13.5 centimeters. The diameter of the vortex ring or disk can be, for example, from about 10 centimeters to about 1,000 centimeters, including from about 7 centimeters to about 24.0 centimeters. The fastener or fasteners which fix the vortex ring to an existing classifier wheel can be, for example, one or more bolts or screws, one or more clamps, one or more suitable adhesives, and the like fasteners, and combinations thereof.